

Air Quality GIS Brown Bag

How the Air Quality Department
Compliance Division
uses GIS
to improve inspection services and
time-management

May 22, 2012

Jana Baldwin and Mark Hubbard



Maricopa County
Air Quality Department

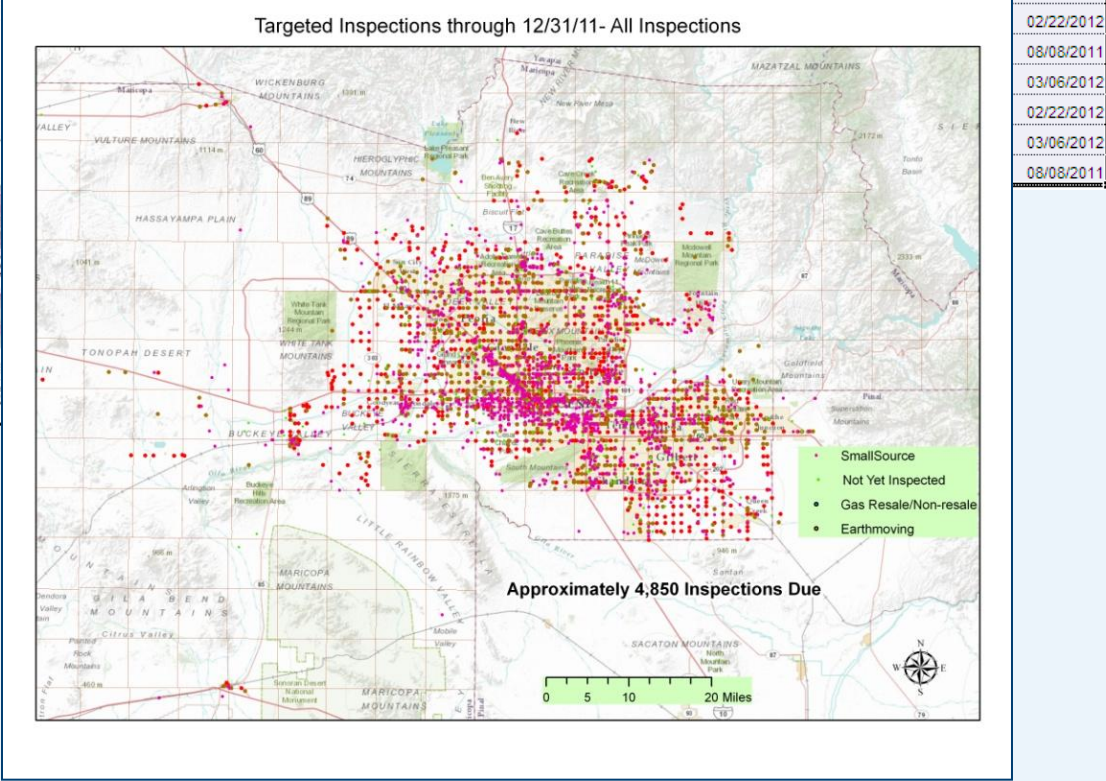
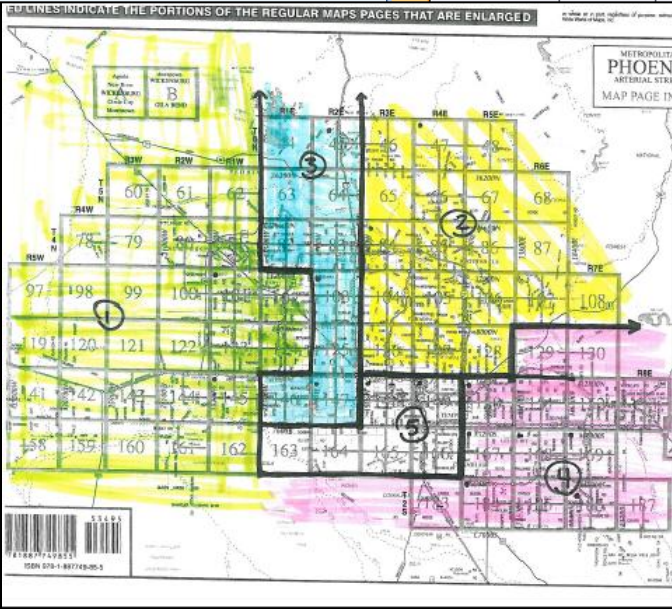


WALK MORE USE CFLS MORE CARPOOL MORE
BIKE MORE RAKE MORE TELECOMMUTE
MORE DRIVE HYBRIDS MORE CONSOLIDATE
ERRANDS MORE RIDE PUBLIC TRANSPORTATION
MORE USE ENERGY EFFICIENT APPLIANCES
MORE CARRY REUSABLE TOTE BAGS MORE
CONSIDER SOLAR MORE RUN COLD WATER
CYCLES MORE USE REUSABLE CONTAINERS
MORE CONSERVE ELECTRICITY MORE REDUCE
WOODBURNING MORE RECYCLE MORE USE
ELECTRIC LAWN AND GARDEN EQUIPMENT
MORE REFUEL AFTER DARK MORE RIDE
THE BUS MORE RIDE THE LIGHT RAIL MORE
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CLEAN AIR
MAKE
MORE

Location-based Challenges

	A	B	C	D	E	F	G	H	I	J	K	L
1	Inspector	Map Area	Site Loc	Permit ID	Acreage	Insp Req	Insp Don	Remain In	Expire Date	Remain L	RANKING	Last Insp Date
2	Baldwin	69	A05073200	E111872	1.89	3	1	1	10/31/2012	211	0.009	02/07/2012
3	Baldwin	88	A04070600	E110713	1.99	3	2	0	04/29/2012	26	0.038	01/10/2012
4	Baldwin	88	A04070600	E112142	0.18	1	0	1	12/27/2012	268	0.004	
5	Baldwin	108	A03072400	E111344	0.16	1	2	(1)	07/28/2012	116	(0.009)	03/06/2012
				E110826	0.87	1	2	(1)	05/23/2012	50	(0.020)	03/06/2012
				E120093	0.69	1	0	1	01/24/2013	296	0.003	
				E120411	0.5	1	0	1	03/20/2013	351	0.003	
				E111069	0.51	1	1	0	06/17/2012	75	0.000	08/08/2011
				E111291	0.18	1	1	0	07/27/2012	115	0.000	11/29/2011
				E111518	0.5	1	1	0	09/02/2012	152	0.000	11/29/2011

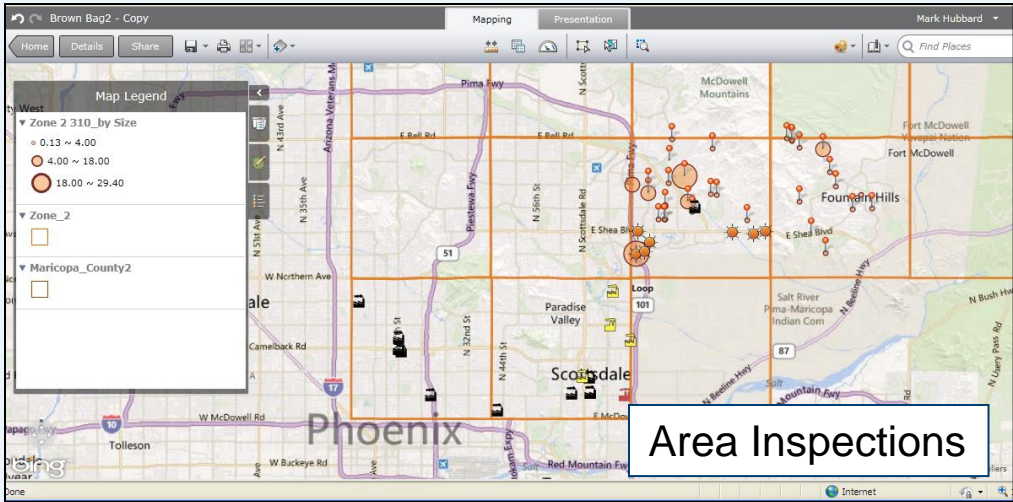
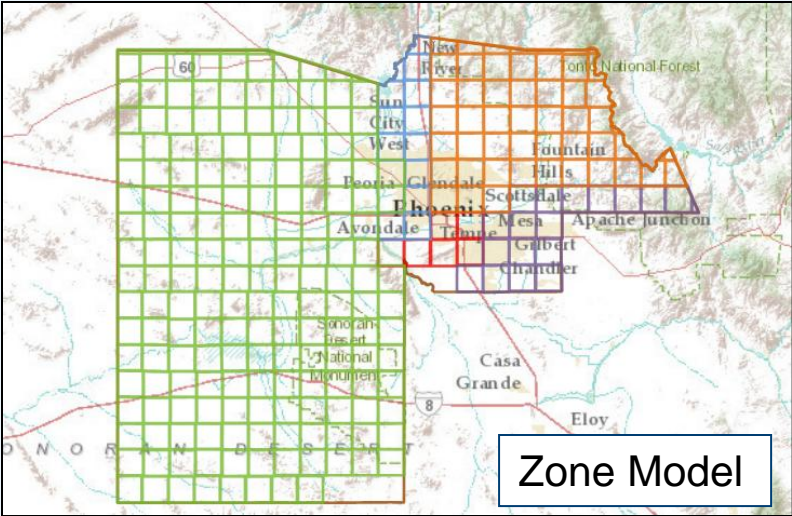


02/22/2012
08/08/2011
03/06/2012
02/22/2012
03/06/2012
08/08/2011

An Online Solution for Inspection Team

ArcGIS Online

an online (cloud-based) GIS solution for everyone



Thanks for supporting GIS!

RDSA IT

Bill Wiley - Air Quality Director

Ken Proksa - Air Quality Deputy Director

Ben Davis - Air Monitoring Division Manager

Dennis Dickerson - Compliance Division Manager

Kim Butler - Compliance Division Asst. Manager

Compliance Inspection Team



Maricopa County
Air Quality Department